

IN THE CLAIMS:

1                   1. (Four times amended) A method for inhibiting the  
2                   adherence of lymphocytes to cytokine-activated endothelial  
3                   cells [other than those lining high endothelial venules  
4                   (HEV),] comprising exposing the lymphocytes to an effective  
5                   amount of an antibody, or an antigen-binding fragment thereof,  
6                   that binds to  $\alpha_4\beta_1$  and thereby inhibiting the adherence of  
7                   lymphocytes to cytokine-activated endothelial cells.

1                   6 32. (Four times amended) A method of preventing  
2                   lymphocyte migration into tissues comprising administering an  
3                   effective amount of an antibody, or an antigen-binding  
4                   fragment thereof, that binds to  $\alpha_4\beta_1$ , and <sup>which</sup> prevents the adhesion of lymphocytes  
5                   to cytokine-activated endothelial cells [other than those  
6                   lining high endothelial venules (HEV)] <sup>in</sup> ~~via an  $\alpha_4\beta_1$  receptor to~~  
7                   a subject in need of such treatment.

REMARKS

Claims 1-5, 32 and 34-36 are pending. Claims 1 and 32 have been amended to delete reference to "other than those lining high endothelial venules (HEV)" as requested by the Examiner, which is discussed in more detail below. Claims 1